



#4

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/056,790
Filing Date	1/23/2002
First Named Inventor	LIUBIN
Group Art Unit	1642
Examiner Name	C. Yaen
Attorney Docket Number	EX02-004C

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CY	1	GOLEMBO, M., et al., "The Drosophila embryonic midline is the site of Spitz processing, and induces activation of the EGF receptor in the ventral ectoderm", Development, 1996, 122:3363-3370, The Company of Biologists Limited, Great Britain.	
CY	2	WASSERMAN, J.D., et al., "A family of rhomboid-like genes: Drosophila rhomboid-1 and roughoid/rhomboid-3 cooperate to activate EFG receptor signaling", Genes & Development, 2000, 14:1651-1663, Cold Spring Harbor Laboratory Press. ✓	✓
CY	3	SCHWEITZER, R., et al., "Secreted Spitz triggers the DER signaling pathway and is a limiting component in embryonic ventral ectoderm determination", Genes & Development, 1995, 9:1518-1529, Cold Spring Harbor Laboratory Press.	
CY	4	DUFFY, J.B., et al., "Recent advances in understanding signal transduction pathways in worms and flies" Current Opinion in Cell Biology, 1996, 8:231-238, Current Biology Publishing.	
CY	5	PASCALL, J.C., et al., "Characterization of a mammalian cDNA encoding a protein with high sequence similarity to the Drosophila regulatory protein Rhomboid" FEBS Letters, 1998, 429:337-340, Federation of European Biochemical Societies. ✓	✓
CY	6	Pascall, J.C., "Homo sapiens mRNA for rhomboid-related protein" Genbank GI No. 3287190, 30-JUN-1998	
CY	7	NIH-MGC, "602365464F1 NIH_MGC_90 Homo sapiens cDNA clone IMAGE:4473855 5', mRNA sequence" Genbank GI No. 12762689, 13-FEB-2001	
CY	8	NIH-MGC, "602251313F1 NIH_MGC_84 Homo sapiens cDNA clone IMAGE:4343882 5', mRNA sequence" Genbank GI No. 12096415, 12-JAN-2001	
CY	9	NCI-CGAP, "xv57g07.x1 NCI_CGAP_Lu28 Homo sapiens cDNA clone IMAGE:2817276 3' similar to SW:RHOM_DROME P20350 RHOMBOID PROTEIN ;, mRNA sequence" Genbank GI No. 6657080, 03-JAN-2000	
CY	10	Dias Neto, E., et al., "QV0-CT0225-230300-169-e09 CT0225 Homo sapiens cDNA, mRNA sequence" Genbank GI No. 7947756, 19-MAY-2000	
CY	11	NCI-CGAP, "on76e02.s1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone" Genbank GI No. 3117010, 23-JUN-1998	

Examiner
Signature

Chaozhen HX

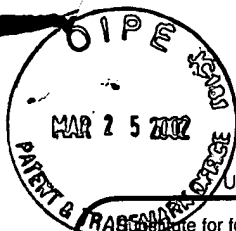
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Sheet 2 of 3	Attorney Docket Number	EX02-004C	

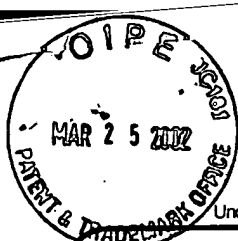
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CY	12	NIH-MGC, "601310502F1 NIH_MGC_44 Homo sapiens cDNA clone IMAGE:3631824 5', mRNA sequence" Genbank GI No. 9339870, 21-JUL-2000	
CY	13	NCI-CGAP, "hd76f05.x1 NCI_CGAP_Lu28 Homo sapiens cDNA clone IMAGE:2915457 3' similar to TR:O75783 O75783 RHOMBOID-RELATED PROTEIN. ;, mRNA sequence" Genbank GI No. 7152496, 03-MAR-2000	
CY	14	Dias Neto,E., et al., "RC0-EN0025-200600-031-d10 EN0025 Homo sapiens cDNA, mRNA sequence" Genbank GI No. 11317512, 22-NOV-2000	
CY	15	Dias Neto,E., et al., "RC0-EN0025-200600-031-e08 EN0025 Homo sapiens cDNA, mRNA sequence" Genbank GI No. 11317513, 22-NOV-2000	
CY	16	Dias Neto,E., et al., "RC0-EN0025-200600-031-c01 EN0025 Homo sapiens cDNA, mRNA sequence" Genbank GI No. 11317511, 22-NOV-2000	
CY	17	NIH-MGC, "601463932F1 NIH_MGC_67 Homo sapiens cDNA clone IMAGE:3867487 5', mRNA sequence" Genbank GI No. 10199673, 20-OCT-2000	
CY	18	Adams,M.D., "EST59487 Infant brain Homo sapiens cDNA 5' end, mRNA sequence" Genbank GI No. 2003992, 21-APR-1997	
CY	19	Pascall,J.C., "rhomboid-related protein" Geqbank GI No. 3287191, 30-JUN-1998	
CY	20	Watanabe,K., et al., "hypothetical protein FLJ20435" Genbank GI No. 8923409, 10-FEB-2002	
CY	21	NCBI Annotation Project, "hairy (Drosophila)-homolog" Genbank GI No. 12729522, 09-FEB-2001	
CY	22	NCBI Annotation Project, "hypothetical protein FLJ20435 " Genbank GI No. 11421817, 16-NOV-2000	

Examiner Signature	Chuo W H Y	Date Considered	7.17.03
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CY	23	Pellegrini, L., et al., "Homo sapiens presenilins associated rhomboid-like protein (PARL) mRNA, complete cds" Genbank GI No. 11066249, 05-JAN-2001	
CY	24	Kawabata, A., et al., "Homo sapiens hypothetical protein FLJ22357 similar to epidermal growth factor receptor-related protein (FLJ22357), mRNA" Genbank GI No. 11967982, 19-DEC-2000	
CY	25	Kawabata, A., et al., "Homo sapiens cDNA: FLJ22341 fis, clone HRC06032." Genbank GI No. 10438685, 29-SEP-2000	
CY	26	Xiao, H., et al., "Homo sapiens NP007 protein (NP007), mRNA." Genbank GI No. 10190733, 10-DEC-2001	
CY	27	Dunham I, et al., "Homo sapiens chromosome 22 open reading frame 3 (C22orf3), mRNA" Genbank GI No. 11072100, 22-JUN-2001	
CY	28	Pellegrini, L., et al., "presenilins associated rhomboid-like protein [Homo sapiens]." Genbank GI No. 11066250, 05-JAN-2001	
CY	29	Kawabata, A., et al., "hypothetical protein FLJ22357 similar to epidermal growth factor receptor-related protein [Homo sapiens]." Genbank GI No. 11967983, 19-DEC-2000	
CY	30	Kawabata, A., et al., "unnamed protein product [Homo sapiens]." Genbank GI No. 10438686, 29-SEP-2000	
CY	31	Xiao, H., et al., "NP007 protein [Homo sapiens]." Genbank GI No. 10190734, 10-DEC-2001	
CY	32	Dunham I, et al., "chromosome 22 open reading frame 3; hypothetical protein [Homo sapiens]." Genbank GI No. 11072101, 22-JUN-2001	

Examiner Signature	Chuang HX	Date Considered	7.17.03
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Sheet 1 of 1

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First Named Inventor	Lioubin
Group Art Unit	1642
Examiner Name	C. Yuen
Attorney Docket Number	EX02-004C

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CY	1	Database EMBL 'Onlinel, Accession Number Q9NX52, 1 October 2000 (2000-10-01), K. Watanabe et al.: "NEDG human cDNA sequencing project" XP002192453 ✓	

Examiner Signature	Christopher H Y	Date Considered	7.17.03
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